



SII Communication Setting Utility for Windows User's Guide

Rev.02

[Products]

SLP720RT Series

SLP721RT Series

Seiko Instruments Inc.

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Introduction

This manual describes "SII Communications Setting Utility for Windows" (hereinafter referred to as the "software") provided by Seiko Instruments Inc. (hereinafter referred to as "SII").

Notation in This Manual

The notation in this manual is described.

Operation and Display

In principle, this manual is written on the basis of the following conditions:

- Screenshots and display layouts of Windows 10 and SLP720RT
- Operating instructions with a mouse and a keyboard

Operating System Abbreviations

The operating system abbreviations used in this manual are listed below.
When an individual description is necessary, the description is written in parentheses behind the abbreviation.

Operating System	Abbreviation
General Microsoft® Windows®	Windows
Microsoft® Windows® 11	Windows 11
Microsoft® Windows® 11 IoT Enterprise	
Microsoft® Windows® 10	Windows 10
Microsoft® Windows® 10 IoT Enterprise	
Microsoft® Windows Server® 2019	
Microsoft® Windows Server® 2016	
Microsoft® Windows® 8.1	Windows 8.1
Microsoft® Windows® Embedded 8.1 Industry	

Operating System	Abbreviation
Microsoft® Windows Server® 2012 R2	Windows 8.1

Terms

The terms used in this manual are defined as below.

Term	Description
Printer	SLP720RT series printer SLP721RT series printer
Printer driver	"SII Printer Driver for Windows" for SLP720RT/SLP721RT series
Technical Reference	Technical Reference shown as follows: SLP720RT SERIES THERMAL PRINTER TECHNICAL REFERENCE
iSerialNumber	Content defined in iSerialNumber field of USB device descriptor

Symbols

The symbols used in this manual are described below.

Caution

◆ Notes and limitations are described.

Reference

◆ Supplemental information and related matters are described.

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Chapter 1 Overview

This chapter describes the overview of the software.

The software is for changing the communication settings of the printer.
The following communication settings can be changed with the software:

- LAN communication settings^{*1}
- USB communication settings

^{*1}: Basically set up using a Web browser.

The software can set some items as a supplement to Web browser setting.

1.1 Operating Environment

The operating environment of the software is described.

1.1.1 System Environment

The system environment of the software is shown below.

Item	Specifications
Operating System	Microsoft® Windows® 11 (64 bits) Microsoft® Windows® 11 IoT Enterprise (64 bits) Microsoft® Windows® 10 (32 bits and 64 bits) Microsoft® Windows® 10 IoT Enterprise (32 bits and 64 bits) Microsoft® Windows Server® 2019 (64 bits) Microsoft® Windows Server® 2016 (64 bits) Microsoft® Windows® 8.1 (32 bits and 64 bits) Microsoft® Windows® Embedded 8.1 Industry (32 bits and 64 bits) Microsoft® Windows Server® 2012 R2 (64 bits)
.NET Framework	.NET Framework 3.5 or 4.0 to 4.8

1.1.2 Target Products

The products covered by the software are as follows.

Printer	Printer Driver	Interface
SLP720RT Series SLP721RT Series*1	"SII Printer Driver for Windows" for SLP720RT/SLP721RT series	USB
		LAN

*1: The sales destination is Japan only.

Chapter 2 Installation

The software is installed at the same time with the printer driver.

For the installation procedure of the printer driver, see the installation part of "SII Printer Driver for Windows User's Guide" for SLP720RT/SLP721RT series.

Chapter 3 Communication Settings

This chapter describes the startup and the setting screen of the software.

3.1 Startup

The startup procedures of the software are described.

- **For Windows 11**

Select [All apps] - [Smart Label Printer RT Series] - [Communication Setting Utility] from the Start menu, and then the software starts up.

- **For Windows 10**

Select [Smart Label Printer RT Series] - [Communication Setting Utility] from the Start menu, and then the software starts up.

- **For Windows 8.1**

Click the down arrow displayed in the bottom left of the tile menu of the Start screen.

Click [Smart Label Printer RT Series] - [Communication Setting Utility] from the [Apps] view, and then the software starts up.

3.2 Screen Layout

The screen layout of the software is described.

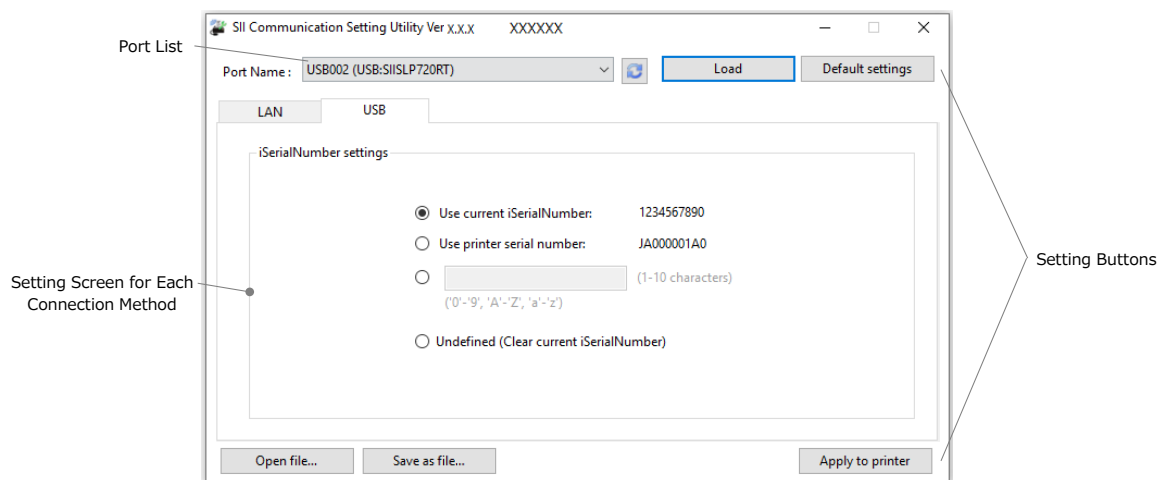



Figure 3-1 Whole view

3.2.1 Port List

The port list shown in Figure 3-1 is described below.

Name	Description
Port Name	Displays available port name and port information.
 Refresh	Updates the list of [Port Name]. Update the list with this button, for example, when connected the printer after starting the software.

3.2.2 Setting Buttons

The setting buttons shown in Figure 3-1 are described below.

Name	Description
Load	Loads and displays the setting information of the printer connected to the port selected in [Port Name].
Default settings	Loads the default settings from the printer and displays them. The settings currently displayed will be overwritten with the default settings.
Open file...	Loads and displays the saved file (*.scs).
Save as file...	Saves the contents displayed in the setting screen for each connection method as a file (*.scs).
Apply to printer	Writes the contents displayed in the setting screen for each connection method to the printer.

3.2.3 Setting Screen for Each Connection Method

Communication setting of each connection method can be performed. See "Technical Reference".

LAN communication settings

The screenshot shows a web interface for LAN settings. At the top, there are two tabs: 'LAN' (selected) and 'USB'. Below the tabs, there are two input fields: 'DHCP Timeout' with a value of '11' and a range '(1-300s)', and 'Receive Timeout' with a value of '300' and a range '(60-300s)'. In the bottom right corner, there is a box labeled 'LAN connection only' containing a button labeled 'LAN settings...'.

Figure 3-2 [LAN] Tab Screen

Name	Description
DHCP Timeout	Used to set the DHCP timeout period.
Receive Timeout	Used to set the receive timeout period.
LAN settings	Opens the printer's LAN settings in Web browser setting. It can be opened only with LAN connection.

Reference

- ◆ It is only possible to input or select the setting items supported by the printer.

USB communication settings

LAN USB

iSerialNumber settings

☒ Use current iSerialNumber: 1234567890

☐ Use printer serial number: JA000001A0

☐ (1-10 characters)
('0'-'9', 'A'-'Z', 'a'-'z')

☐ Undefined (Clear current iSerialNumber)

Figure 3-3 [USB] Tab Screen

Name	Description
iSerialNumber settings	<ul style="list-style-type: none">• Use current iSerialNumber: Uses the iSerialNumber currently set for the printer. iSerialNumber is not set at the shipping.• Use printer serial number: Sets the serial number of the printer to iSerialNumber.• Input text box: Sets a character string to iSerialNumber.*1 The number of characters of the string that can be entered is 1 to 10.• Undefined: Clears the iSerialNumber currently set for the printer.

*1: The characters available for setting are as follows:
'0' to '9', 'A' to 'Z', 'a' to 'z'

Caution

- ◆ When iSerialNumber is changed in the state that the connection method with the printer is USB communication, the assignment of the port to which the printer is connected may be changed.

Reference

- ◆ It is only possible to input or select the setting items supported by the printer.

3.3 Function

The function of the software is described.

3.3.1 Confirm Current Communication Settings

The procedure for confirming the current communication settings of the printer is described below.

1. Make sure that the connected printer can communicate.
2. Start the software in the procedure of "3.1 Startup".
When there is only one port that the host recognizes, the communication settings of the printer connected to the port are loaded automatically at the software startup. Proceed to step 4.
3. When there are multiple ports that the host recognizes, select the port to which the printer is connected from [Port Name], and click the [Load] button.

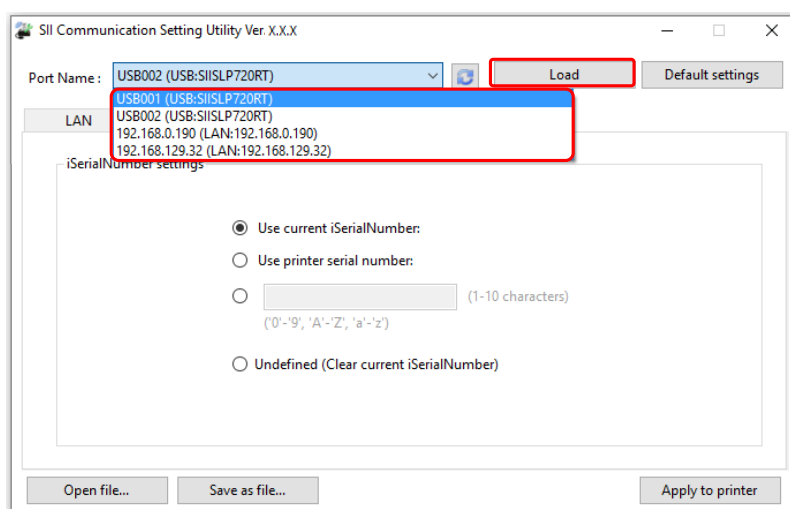


Figure 3-4 Port Selection

4. The communication settings are loaded, and the setting screen switches to the tab of the current connection method.

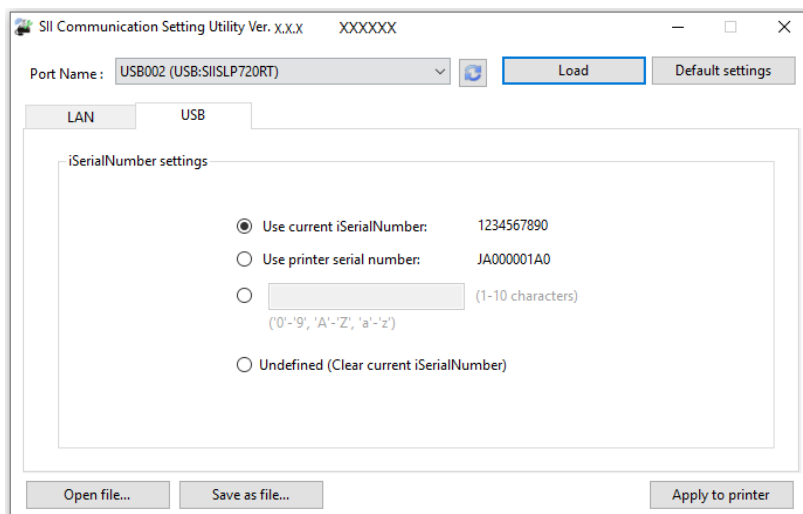



Figure 3-5 Communication Setting Display

Caution

- ◆ To confirm the communication settings of the newly connected printer after starting the software, click the [ Refresh] button to update [Port Name].

3.3.2 Change Communication Settings

The procedure for changing the communication settings of the printer is described below.

1. Follow the steps of "3.3.1 Confirm Current Communication Settings" to display the current communication settings of the printer.
2. Change the contents of the communication settings, and then click the [Apply to printer] button. The communication settings are written to the printer.

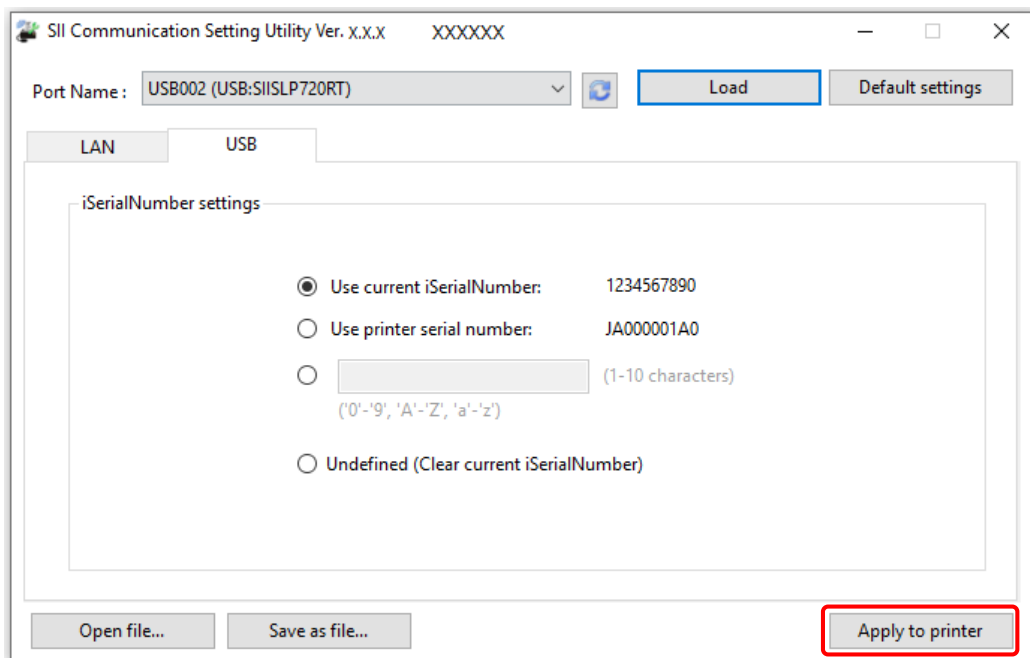


Figure 3-6 Change Communication Settings

Caution

- ◆ When iSerialNumber is changed in the state that the connection method with the printer is USB communication, the assignment of the port to which the printer is connected may be changed.

Reference

- ◆ The setting will not be changed if the input item in the screen is blank.
- ◆ When the communication settings are written to the printer, the printer is reset to enable the settings.

3.3.3 Restore Communication Settings to Default Settings

The procedure for restoring the communication settings of the printer to the default settings is described below.

1. Make sure that the connected printer can communicate.
2. Click the [Default settings] button to load the default settings from the printer and display them on the screen.

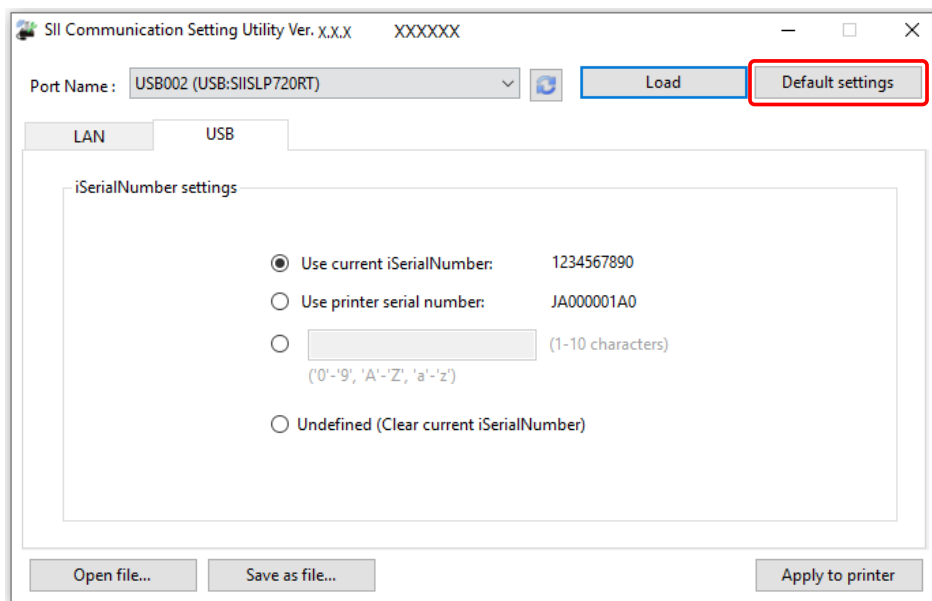


Figure 3-7 Default Settings

3. Click the [Apply to printer] button to write the communication settings to the printer.

Reference

- ◆ When the communication settings are written to the printer, the printer is reset to enable the settings.

3.3.4 Save Communication Settings to File

The procedure for saving the communication settings of the printer as a file (*.scs) is described below.

1. Display the communication settings of the printer in the procedure of "3.3.1 Confirm Current Communication Settings" or display the contents of the file in the procedure of "3.3.5 Write File Settings to Printer".
2. Change the communication settings when necessary.
3. Click the [Save as file...] button.

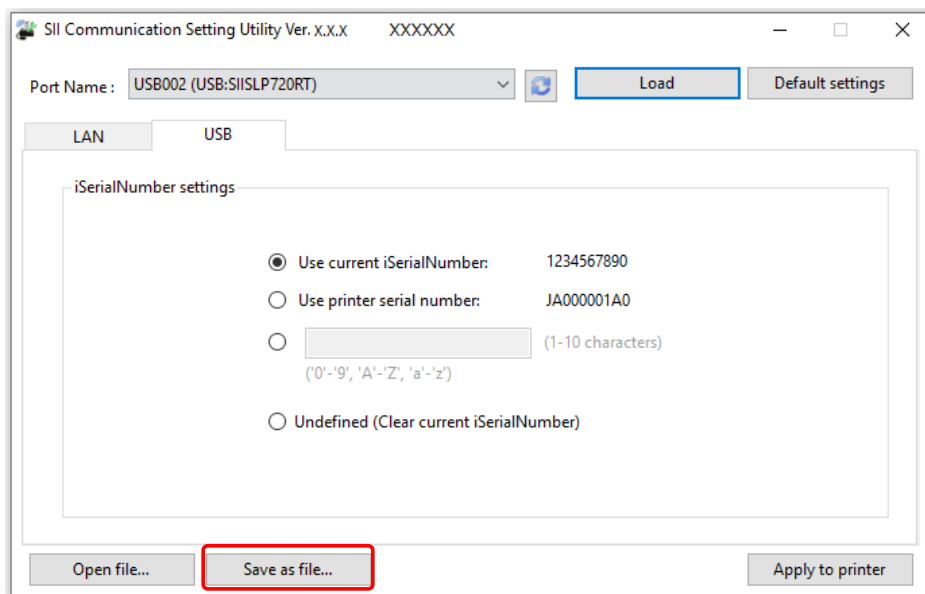


Figure 3-8 Save Communication Settings

4. Specify the location and the name of the file (*.scs).
Click the [Save] button to save the settings as a file (*.scs).

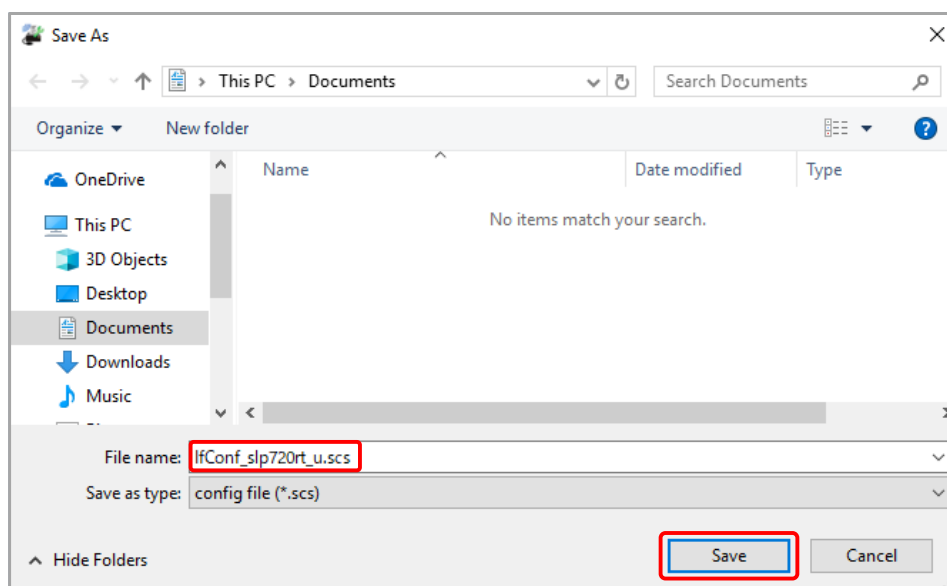


Figure 3-9 [Save as file...] Dialog

Reference

- ◆ The setting will not be saved in the file if the input item in the screen is blank.
- ◆ The default of the file name includes the printer series name and the abbreviation of the connection method of communication settings to be saved.

IfConf_slp720rt_u.scs

Printer series name Connection method abbreviation

The meanings of the connection method abbreviations are as follows:

u: USB communication settings

l: LAN communication settings

3.3.5 Write File Settings to Printer

The procedure for writing the contents of the file (*.scs) saved in "3.3.4 Save Communication Settings to File" to the printer is described below.

1. Click the [Open file...] button.

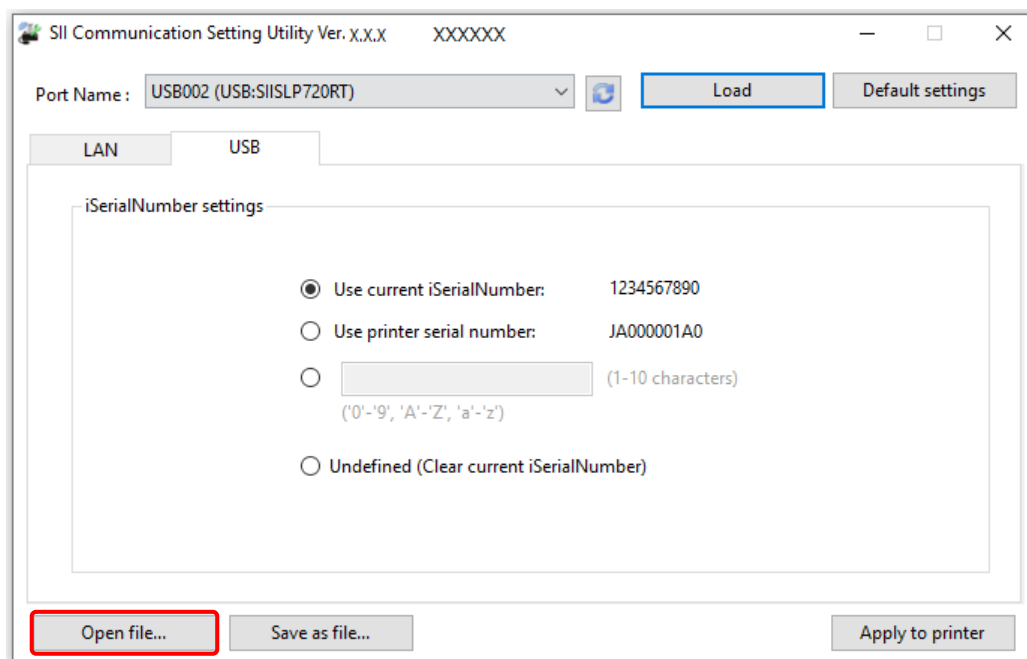


Figure 3-10 Open File (*.scs)

2. Select the file (*.scs), and click the [Open] button.

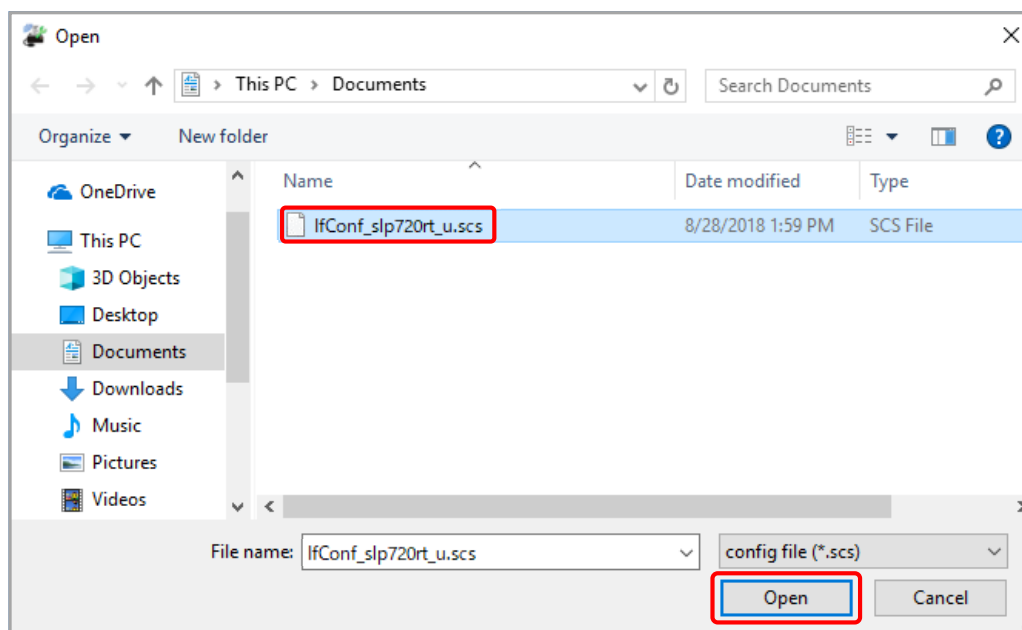


Figure 3-11 [Open] Dialog

3. The contents of the file (*.scs) are displayed.
Click the [Apply to printer] button to write the communication settings to the printer.

Caution

- ◆ When iSerialNumber is changed in the state that the connection method with the printer is USB communication, the assignment of the port to which the printer is connected may be changed.

Reference

- ◆ The setting will not be changed if the input item in the screen is blank.
- ◆ When the communication settings are written in the printer, the printer is reset to enable the settings.



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(Specifications are subject to change without notice.)